



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS B 8372-2 : 2003

(ISO 6953-2 : 2000)

(JFPA/JSA)

**Pneumatic fluid power — Compressed
air pressure regulators and filter-
regulators — Part 2: Test methods to
determine the main characteristics to
be included in literature from suppliers**

ICS 23.100.50

Reference number : JIS B 8372-2 : 2003 (E)

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Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee, as the result of proposal for establishing a Japanese Industrial Standard submitted by Japan Fluid Power Association (JFPA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

This Standard has been made based on **ISO 6953-2:2000** *Pneumatic fluid power — Compressed air pressure regulators and filter-regulators — Part 2: Test methods to determine the main characteristics to be included in literature from suppliers* for the purposes of making it easier to compare this Standard with International Standard; to prepare Japanese Industrial Standard conforming with International Standard; and to propose a draft of an International Standard which is based on Japanese Industrial Standard.

JIS B 8372 consists of the following 2 parts under the general title “*Pneumatic fluid power — Compressed air pressure regulators and filter-regulators*”:

Part 1: Main characteristics to be included in literature from suppliers and product-marking requirements

Part 2: Test methods to determine the main characteristics to be included in literature from suppliers.

Date of Establishment: 2003-03-20

Date of Public Notice in Official Gazette: 2003-03-20

Investigated by: Japanese Industrial Standards Committee
Standards Board

Technical Committee on Industrial
Machinery

JIS B 8372-2 :2003, First English edition published in 2005-02

Translated and published by: Japanese Standards Association
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Printed in Japan

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**Pneumatic fluid power — Compressed
air pressure regulators and filter-regulators —
Part 2: Test methods to determine
the main characteristics to be included
in literature from suppliers**

Introduction This Japanese Industrial Standard has been prepared based on the first edition of **ISO 6953-2** *Pneumatic fluid power — Compressed air pressure regulators and filter-regulators — Part 2: Test methods to determine the main characteristics to be included in literature from suppliers* published in 2000 without modifying the technical contents.

Portions underlined with dots are the matters not stated in the original International Standard.

In pneumatic fluid power systems, power is transmitted and controlled through air under pressure circulating within a circuit. Where reduction and regulation of the pressure is desired, the regulators and filter-regulators are components designed to maintain the compressed air pressure approximately constant.

1 Scope This part of **JIS B 8372** specifies tests, test procedures and a method of presenting the results concerning the parameters which define the main characteristics to be included in literature from suppliers of regulators and filter-regulators conforming to **JIS B 8372-1**.

The aim of this part of **JIS B 8372** is

- to facilitate the comparison of pressure regulators and filter-regulators by standardizing test methods and presentation of test data;
- to assist in the proper application of pressure regulators and filter-regulators in compressed air systems.

The tests specified are intended to allow comparison between the different type of regulators and filter-regulators; they are not production tests to be carried out on each pressure regulator or filter-regulator manufactured.

NOTE : The International Standard corresponding to this Standard is as follows.

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are **IDT** (identical), **MOD** (modified), and **NEQ** (not equivalent) according to **ISO/IEC Guide 21**.

ISO 6953-2 : 2000 *Pneumatic fluid power — Compressed air pressure regulators and filter-regulators — Part 2: Test methods to determine the main characteristics to be included in literature from suppliers* (IDT)